Docket	No.
4657-TC	C-SB

## Declaration and Power of Attorney For Patent Application

### **English Language Declaration**

As a below named inventor, I hereby declare that:

			•
My residence, post offic	ce address and citizenship	o are as stated below next to my	name,
first and joint inventor (	nal, first and sole inventor if plural names are listed nt on the invention entitled	(if only one name is listed below) below) of the subject matter whi l	or an original, ch is claimed and for
Bearing Equipped with Ma	agnetic encoder and sensor in	cluding aligned sensing elements	
the specification of whi	ch	·	
(check one)			
is attached hereto.  was filed on Application Number and was amended	r 09/549,634	s United States Application No.	or PCT International
and was amended		(if applicable)	
including the claims, a	s amended by any amend		
I acknowledge the dut known to me to be r Section 1.56.	y to disclose to the Unite naterial to patentability a	ed States Patent and Trademark as defined in Title 37, Code of	Office all information Federal Regulations,
Section 365(b) of any any PCT International	foreign application(s) for application which design also identified below, by FPCT International applic	Title 35, United States Code, repatent or inventor's certificate, ated at least one country other the checking the box, any foreign appeation having a filing date before	nan the United States, oplication for patent or
Prior Foreign Applicat	ion(s)		Priority Not Claimed
99-04658	France	14 April 1999	
(Number)	(Country)	(Day/Month/Year Filed)	О
(Number)	(Country)	(Day/Month/Year Filed)	
(Number)	(Country)	(Day/Month/Year Filed)	J

oplication(s) listed below:	_	
(Application Serial No.)	(Filing Date)	
(Application Serial No.)	(Filing Date)	
	(Filing Date)	
(Application Serial No.)  hereby claim the benefit under 3 Section 365(c) of any PCT Internations as the subject matter of earlied States or PCT International J.S.C. Section 112, I acknowledge	ional application designating ach of the claims of this application in the manner parts of the duty to disclose to the	olication is not disclosed in the pri- provided by the first paragraph of 3 United States Patent and Tradema
hereby claim the benefit under 3 Section 365(c) of any PCT Internations of the subject matter of each of the subject matter of the subje	ional application designating ach of the claims of this application in the manner per the duty to disclose to the error to be material to patentabile between the filing date of	olication is not disclosed in the pri- provided by the first paragraph of 3 United States Patent and Tradema ility as defined in Title 37, C. F. F
hereby claim the benefit under 3 Section 365(c) of any PCT Internates as the subject matter of earlied States or PCT International J.S.C. Section 112, I acknowledge Office all information known to make the section 1.56 which became available.	ional application designating ach of the claims of this application in the manner per the duty to disclose to the error to be material to patentabile between the filing date of	olication is not disclosed in the pri- provided by the first paragraph of 3 United States Patent and Tradema ility as defined in Title 37, C. F. F
hereby claim the benefit under 3 Section 365(c) of any PCT Internations as the subject matter of earlied States or PCT International J.S.C. Section 112, I acknowledge Office all information known to me Section 1.56 which became availabor PCT International filing date of the	ional application designating ach of the claims of this application in the manner per the duty to disclose to the er to be material to patentable between the filing date of is application:	olication is not disclosed in the priorovided by the first paragraph of 3 United States Patent and Tradema ility as defined in Title 37, C. F. F the prior application and the nation (Status)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

John C. Bigler, Reg. No. 29,513 Michael H. Minns, Reg. No. 31,985 Leon Nigohosian, Jr. Reg. No. 39,791 Robert F. Palermo, Reg. No., 31,555 Mark A. Ussai, Reg. No. 42,195 Donald W. Walk, Reg. No. 29,118

Send Correspondence to: John C. Bigler

Ingersoll-Rand Company 942 Memorial Pkwy

Phillipsburg, NJ 08865

Direct Telephone Calls to: (name and telephone number)

John C. Bigler, (908) 859-7741

Full name of sole or first inventor A. John Santos	
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Citizenship USA	
Post Office Address 8 Tanglewood Road, Farmington, CT 06032	
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Mark E. LaCroix	Date
Second inventor's signature	19-1-20
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Citizenship USA	
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Full name of third inventor, if any Pascal Desbiolles	
Third inventor's signature	Date
(Signed on another sheet)	
Residence	
Citizenship	
France	
Post Office Address	
·	
Full name of fourth inventor, if any	
Fourth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	· .
·	•
Full name of fifth inventor, if any	Data
Fifth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Docket No. 4657-TC-SB

# Declaration and Power of Attorney For Patent Application English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office ad	ddress and citizenship a	are as stated below next to my	name,
I believe I am the original, fi first and joint inventor (if plu which a patent is sought on	ural names are listed be	only one name is listed below elow) of the subject matter wh	r) or an original, ich is claimed and for
Bearing Equipped with Magnet	ic encoder and sensor incl	uding aligned sensing elements	
the specification of which			
(check one)			
☑ is attached hereto.			
🕱 was filed on April	14, 2000 as	United States Application No.	or PCT International
Application Number	09/549,634	•	
and was amended on		(Constitution)	
		(if applicable)	
I hereby state that I have r including the claims, as am	eviewed and understar ended by any amendm	nd the contents of the above in the identity of the contents o	dentified specification,
I acknowledge the duty to known to me to be mate Section 1.56.	disclose to the United rial to patentability as	States Patent and Trademark defined in Title 37, Code of	Office all information Federal Regulations,
Section 365(b) of any fore any PCT International applisted below and have also	eign application(s) for plication which designate identified below, by chart International applicat	itle 35, United States Code, patent or inventor's certificate ed at least one country other the becking the box, any foreign a ion having a filing date before	, or Section 365(a) of han the United States, pplication for patent or
Prior Foreign Application(s	s)		Priority Not Claimed
99-04658	France	14 April 1999	
(Number)	(Country)	(Day/Month/Year Filed)	
(Number)	(Country)	(Day/Month/Year Filed)	u
(Number)	(Country)	(Day/Month/Year Filed)	

application(s) listed below:	35 U.S.C. Section 119(e)	) of any United States provisional
(Application Serial No.)	(Filing Date)	
(Application Serial No.)	(Filing Date)	
(Application Serial No.)	(Filing Date)	
incofor as the subject matter of ea	ach of the claims of this ap	g the United States, listed below and, polication is not disclosed in the prior provided by the first paragraph of 35
United States or PCT International U.S.C. Section 112, I acknowledge Office all information known to me	ach of the claims of this ap application in the manner position the the duty to disclose to the to be material to patentable between the filing date of	pplication is not disclosed in the prior provided by the first paragraph of 35 United States Patent and Trademark bility as defined in Title 37, C. F. R., f the prior application and the national
insofar as the subject matter of ear United States or PCT International U.S.C. Section 112, I acknowledge Office all information known to me Section 1.56 which became available	ach of the claims of this ap application in the manner position the the duty to disclose to the to be material to patentable between the filing date of	provided by the first paragraph of 35 United States Patent and Trademark bility as defined in Title 37, C. F. R.,
insofar as the subject matter of ear United States or PCT International U.S.C. Section 112, I acknowledge Office all information known to me Section 1.56 which became available or PCT International filing date of the	ach of the claims of this ap application in the manner is the duty to disclose to the to be material to patental ole between the filing date of is application:	prication is not disclosed in the prior provided by the first paragraph of 35 United States Patent and Trademark bility as defined in Title 37, C. F. R., f the prior application and the national (Status)

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John C. Bigler

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Direct Telephone Calls to: (name and telephone number)

John C. Bigler, (908) 859-7741

Full name of sole or first inventor A. John Santos Date Sole or first inventor's signature (Signed on another sheet) Residence 8 Tanglewood Road, Farmington CT Citizenship USA Post Office Address 8 Tanglewood Road, Farmington, CT 06032

Full name of second inventor, if any Mark E. LaCroix Second inventor's signature (Signed on another sheet) Residence 24 Hayward Rd., New Hartford, CT Citizenship **USA** Post Office Address 24 Hayward Rd. New Hartford, CT 06057

full name of third inventor, if any	
Pascal Desbiolles	
hird inventor's signature	Date
Paxal Demulle	
Residence .	
1088, route de BiAury	
Citizenship	
France	
75570 Threns Glieres	
(7) to troles. Theres.	
V	
Full name of fourth inventor, if any	
Fourth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
•	
Full read of 64h inventor if any	
Full name of fifth inventor, if any	
	Date
Full name of fifth inventor, if any Fifth inventor's signature	Date
Fifth inventor's signature	Date
	Date
Fifth inventor's signature  Residence	Date
Fifth inventor's signature	Date
Fifth inventor's signature  Residence  Citizenship	Date
Fifth inventor's signature  Residence	Date
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Fifth inventor's signature  Residence  Citizenship	Date
Fifth inventor's signature  Residence  Citizenship	Date
Fifth inventor's signature  Residence  Citizenship	Date
Fifth inventor's signature  Residence  Citizenship  Post Office Address	
Fifth inventor's signature  Residence  Citizenship  Post Office Address  Full name of sixth inventor, if any	Date
Fifth inventor's signature  Residence  Citizenship  Post Office Address	
Fifth inventor's signature  Residence  Citizenship  Post Office Address  Full name of sixth inventor, if any  Sixth inventor's signature	
Fifth inventor's signature  Residence  Citizenship  Post Office Address  Full name of sixth inventor, if any	
Fifth inventor's signature  Residence  Citizenship  Post Office Address  Full name of sixth inventor, if any  Sixth inventor's signature	
Fifth inventor's signature  Residence  Citizenship  Post Office Address  Full name of sixth inventor, if any  Sixth inventor's signature  Residence	
Fifth inventor's signature  Residence  Citizenship  Post Office Address  Full name of sixth inventor, if any  Sixth inventor's signature  Residence	

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re

Patent Application of

A. John Santos, et al.

Application No. Unknown

Filed: March 1, 2004

Examiner: Unknown

"BEARING EQUIPPED WITH MAGNETIC ENCODER AND SENSOR INCLUDING ALIGNED SENSING ELEMENTS"

## APPOINTMENT OF ASSOCIATE ATTORNEY OF RECORD PURSUANT TO 37 C.F.R. §1.34

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

I, Mark A. Ussai, as attorney of record in the above-referenced patent application, hereby appoint:

Glenn M. Massina (Reg. No. 40,081), Christopher B. Austin (Reg. No. 41,592), Gregory S. Bollis (Reg. No. 52,630), Raye L. Daugherty (Reg. No. 47,933), David L. De Bruin (Reg. No. 35,489), Elizabeth A. Egasti (Reg. No. 54,635), Gerald L. Fellows (Reg. No. 36,133), Joseph A. Gemignani (Reg. No. 19,482), Stephen A. Gigot (Reg. No. 51,232), Gregory J. Hartwig (Reg. No. 46,761), Julie A. Haut (Reg. No. 51,789), Daniel S. Jones (Reg. No. 42,697), Richard L. Kaiser (Reg. No. 46,158), Timothy M. Kelley (Reg. No. 34,201), Casimir F. Laska (Reg. No. 30,862), Edward R. Lawson Jr. (Reg. No. 41,931), Craig J. Loest (Reg. No. 48,557), Richard H. Marschall (Reg. No. 39,290), Paul M. McGinley (Reg. No. 55,443), Thomas A. Miller (Reg. No. 36,871), Kevin P. Moran (Reg. No. 37,193), Thomas J. Otterlee (Reg. No. 48,652), David R. Price (Reg. No. 31,557), Thomas S. Reynolds II (Reg. No. 45,262), Chad W. Shea (Reg. No. 48,470), Billie Jean Smith (Reg. No. 36,940), David B. Smith (Reg. No. 27,595), Derek C. Stettner (Reg. No. 37,945), Glen A. Weitzer (Reg. No. 48,337), Sheldon L. Wolfe (Reg. No. 43,996), Julie A. Zavoral (Reg. No. 43,304), Jill A. Fahrlander (Reg. No. 42,518), Grady J. Frenchick (Reg. No. 29,018), Jeffrey D. Peterson (Reg. No. 49,038), Wendy M. Seffrood (Reg. No. 52,205), Jeffrey S. Ward (Reg. No. 32,774), Teresa J. Welch (Reg. No. 33,049), Charlene L. Yager (Reg. No. 48,887), Louis Altman (Reg. No. 19,373), Lisa C. Childs (Reg. No. 39,937), Perry J. Hoffman (Reg. No. 37,150), Gretchen M. Hosty (Reg. No. 54,721), Charles A. Laff (Reg. No. 19,787), Brian J.

Lum (Reg. No. 54,282), David R. Morris (Reg. No. 53,348), Michael K. Nutter (Reg. No. 44,979), Larry L. Saret (Reg. No. 27,674), Martin L. Stern (Reg. No. 28,911), Barry W. Sufrin (Reg. No. 27,398), Michael Best & Friedrich LLP,

to be an associate attorney of record to prosecute the above-referenced patent application before the Patent and Trademark Office and to conduct any and all other matters arising out of the above-referenced patent application.

Respectfully submitted,

Mark A. Ussai Reg. No. 42195

LICZ,

File No. 085488-9099-01

Michael Best & Friedrich LLP 3773 Corporate Parkway Suite 360 Center Valley, Pennsylvania 18034

610-798-2170